

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		<b>Atty. Docket No.</b>  18940		<b>Serial No.</b>  10/538,431		
<b>LIST OF PRIOR ART CITED BY APPLICANT</b>  (Use several sheets if necessary)				<b>Applicants</b> Sally Mellor, et al.				
				<b>Filing Date</b> January 9, 2006		<b>Group Art Unit</b> 1646		
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AA	WO 98/22492	5/28/98	PCT			✓	
	AB	I 174 149 A1	1/23/02	EPO			✓	
	AC	WO 98/02751	1/22/98	PCT			✓	
<b>OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	AD	Mellor S.L. et al., "Localization of Activin $\beta_A$ -, $\beta_B$ -, and $\beta_C$ -Subunits in Human Prostate and Evidence for Formation of New Activin Heterodimers of $\beta_C$ -Subunit", <i>The Journal of Clinical Endocrinology &amp; Metabolism</i> 85(12):4851-4858 (2000)						
	AE	Gold E.J. et al., "Changes in Activin and Activin Receptor Subunit Expression in Rat Liver During the Development of CC1 <sub>4</sub> -Induced Cirrhosis", <i>Molecular and Cellular Endocrinology</i> 201:143-153 (2003)						
	AF	Mellor S.L. et al., "Activin $\beta_C$ -Subunit Heterodimers Provide a New Mechanism of Regulating Activin Levels in the Prostate", <i>Endocrinology</i> 144(10):4410-4419 (2003)						
	AG	Vejda S. et al., "Expression and Dimerization of the Rat Activin Subunits $\beta_C$ and $\beta_E$ : Evidence for the Formation of Novel Activin Dimers", <i>Journal of Molecular Endocrinology</i> 28:137-148 (2002)						
	AH	Thomas T.Z. et al., "Inhibins, Activins, and Follistatins: Expression of mRNAs and Cellular Localization in Tissues from Men with Benign Prostatic Hyperplasia", <i>The Prostate</i> 34:34-43 (1998)						
	AI	Risbridger G.P. et al., "The Contribution of Inhibins and Activins to Malignant Prostate Disease", <i>Molecular and Cellular Endocrinology</i> 180:149-153 (2001)						
	AJ	Dowling C.R. et al., "The Role of Inhibins and Activins in Prostate Cancer Pathogenesis", <i>Endocrine-Related Cancer</i> 7:243-256 (2000)						
	AK	Wakui M. et al., "Genes Highly Expressed in the Early Phase of Murine Graft-Versus-Host Reaction", <i>Biochemical and Biophysical Research Communications</i> 282(1):200-206 (2001)						
	AL	GenexBioscience, Sept 2002 'Anti-Activin Beta-C: Polyclonal Antibody Produced in Rabbits Immunized with a Synthetic KLH-Conjugated Peptide', retrieved 5 February 2004, URL: <a href="http://www.genexbioscience.com/products.cfm?productID=146">http://www.genexbioscience.com/products.cfm?productID=146</a> . Also, waybackmachine: <a href="http://web.archive.org/web/*/www.genexbioscience.com">http://web.archive.org/web/*/www.genexbioscience.com</a> , retrieved on 5 February 2002						
	AM	Vejda S. et al., "Expression of Activins C and E Induces Apoptosis in Human and Rat Hepatoma Cells", <i>Carcinogenesis</i> 24(11):1801-1809 (2003)						
	AN	Su G.H. et al., "ACVR1B (ALK-4, Activin Receptor Type 1B) Gene Mutations in Pancreatic Carcinoma", <i>PNAS</i> 98(6):3254-3257 (2001)						
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>				
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	AO	Bunin B.A. et al., "The Combinatorial Synthesis and Chemical and Biological Evaluation of a 1,4-Benzodiazepine Library", <i>Proc. Natl. Acad. Sci. USA</i> 91:4708-4712 (1994)			
	AP	Burke B. et al., "Microinjection of mRNA Coding for an Anti-Golgi Antibody Inhibits Intracellular Transport of a Viral Membrane Protein", <i>Cell</i> 36:847-856 (1984)			
	AQ	Chang H. et al., "Studying TGF- $\beta$ Superfamily Signaling by Knockouts and Knockins", <i>Molecular and Cellular Endocrinology</i> 180:39-46 (2001)			
	AR	Chen X. et al., "A Transcriptional Partner for MAD Proteins in TGF- $\beta$ Signalling", <i>Nature</i> 383:691-696 (1996)			
	AS	Chen X. et al., "Smad4 and FAST-1 in the Assembly of Activin-Responsive Factor", <i>Nature</i> 389:85-89 (1997)			
	AT	Cole S.P.C. et al., "The EBV-Hybridoma Technique and its Application to Human Lung Cancer", <i>Monoclonal Antibodies and Cancer Therapy</i> , pp. 77-96 (1985)			
	AU	de Kretser D.M. et al., "Activin A and Follistatin: Their Role in the Acute Phase Reaction and Inflammation", <i>Journal of Endocrinology</i> 161:195-198 (1999)			
	AV	DeWitt S.H. et al., "Diversomers": An Approach to Nonpeptide, Nonoligomeric Chemical Diversity", <i>Proc. Natl. Acad. Sci. USA</i> 90:6909-6913 (1993)			
	AW	Esquela A.F. et al., "Transient Down-Regulation of Inhibin- $\beta$ C Expression Following Partial Hepatectomy", <i>Biochemical and Biophysical Research Communications</i> 235:553-556 (1997)			
	AX	Evans L.W. et al., "Development, Validation and Application of an Ultra-Sensitive Two-Site Enzyme Immunoassay for Human Follistatin", <i>Journal of Endocrinology</i> 156:275-282 (1998)			
	AY	Fang J. et al., "Genes Coding for Mouse Activin $\beta$ C and $\beta$ E are Closely Linked and Exhibit a Liver-Specific Expression Pattern in Adult Tissues", <i>Biochemical and Biophysical Research Communications</i> 231:655-661 (1997)			
	AZ	Groome N.P. et al., "Enzyme Immunoassays for Inhibins, Activins and Follistatins", <i>Molecular and Cellular Endocrinology</i> 180:73-77 (2001)			
	BA	Hötten G. et al., "Cloning of a New Member of the TGF- $\beta$ Family: A Putative New Activin $\beta$ C Chain", <i>Biochemical and Biophysical Research Communications</i> 206(2):608-613 (1995)			
	BB	Hübner G. et al., "Activin: A Novel Player in Tissue Repair Processes", <i>Histol Histopathol</i> 14:295-304 (1999)			
	BC	Kozbor D. et al., "The Production of Monoclonal Antibodies from Human Lymphocytes", <i>Immunology Today</i> 4(3):72-79 (1983)			
	BD	Kron R. et al., "Expression of Human Activin C Protein in Insect Larvae Infected with a Recombinant Baculovirus", <i>Journal of Virological Methods</i> 72:9-14 (1998)			
	BE	Lau A.L. et al., "Activin $\beta$ C and $\beta$ E Genes are Not Essential for Mouse Liver Growth, Differentiation, and Regeneration", <i>Molecular and Cellular Biology</i> 20(16):6127-6137 (2000)			
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	BF	Lau A.L. et al., "Structural Analysis of the Mouse Activin $\beta$ C Gene", <i>Biochimica et Biophysica Acta</i> 1307:145-148 (1996)			
	BG	Lebrun J-J et al., "Roles of Pathway-Specific and Inhibitory Smads in Activin Receptor Signaling", <i>Molecular Endocrinology</i> 13:15-23 (1999)			
	BH	Luisi S. et al., "Expression and Secretion of Activin A: Possible Physiological and Clinical Implications", <i>European Journal of Endocrinology</i> 145:225-236 (2001)			
	BI	McDowell N. et al., "Activin as a Morphogen in <i>Xenopus</i> Mesoderm Induction", <i>Cell &amp; Developmental Biology</i> 10:311-317 (1999)			
	BJ	McFarlane J.R. et al., "Measurement of Activin in Biological Fluids by Radioimmunoassay, Utilizing Dissociating Agents to Remove the Interference of Follistatin", <i>European Journal of Endocrinology</i> 134:481-489 (1996)			
	BK	Morgan D.O. et al., "Analysis of Intracellular Protein Function by Antibody Injection", <i>Immunology Today</i> 9(3):84-88 (1988)			
	BL	Moore A. et al., "Measuring Transferrin Receptor Gene Expression by NMR Imaging", <i>Biochimica et Biophysica Acta</i> 1402:239-249 (1998)			
	BM	O'Bryan M.K. et al., "Cloning and Regulation of the Rat Activin $\beta$ E Subunit", <i>Journal of Molecular Endocrinology</i> 24:409-418 (2000)			
	BN	Oda S. et al., "Molecular Cloning and Functional Analysis of a New Activin $\beta$ Subunit: A Dorsal Mesoderm-Inducing Activity in <i>Xenopus</i> ", <i>Biochemical and Biophysical Research Communications</i> 210(2):581-588 (1995)			
	BO	Pangas S.A. et al., "Activin Signal Transduction Pathways", <i>TEM</i> 11(8):309-314 (2000)			
	BP	Schmitt J. et al., "Structure, Chromosomal Localization, and Expression Analysis of the Mouse Inhibin/Activin $\beta$ C ( <i>Inhbc</i> ) Gene", <i>Genomics</i> 32:358-366 (1996)			
	BQ	Stein C.A. et al., "Oligodeoxynucleotides as Inhibitors of Gene Expression: A Review", <i>Cancer Research</i> 48:2659-2668 (1988)			
	BR	van der Krol A. et al., "Modulation of Eukaryotic Gene Expression by Complementary RNA or DNA Sequences", <i>BioTechniques</i> 6(10):958-976 (1988)			
	BS	Wedemeyer N. et al., "Flow Cytometric Quantification of Competitive Reverse Transcription-PCR Products", <i>Clinical Chemistry</i> 48(9):1398-1405 (2002)			
	BT	Weissleder R. et al., "In Vivo Magnetic Resonance Imaging of Transgene Expression", <i>Nature Medicine</i> 6(3):351-354 (2000)			
	BU	Wrana J.L. et al., "The Smad Pathway", <i>Cytokine &amp; Growth Factor Reviews</i> 11:5-13 (2000)			
	BV	Zhang Y-Q et al., "Reciprocal Expression of mRNA for Inhibin $\beta$ C and $\beta$ A Subunits in Hepatocytes", <i>Endocrine Journal</i> 44(5):759-764 (1997)			
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